



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: The first week of April had a mix of cold and warm weather combined with lots of rain and a few areas of severe thunderstorms. Average temperatures across the State were 5 degrees above normal at 55 degrees. Precipitation for the period totaled 0.51 inches statewide, which was 0.51 inches below normal. **Topsoil moisture** as of Friday, March 31 was rated 2 percent very short, 14 percent short, 71 percent adequate and 13 percent surplus. **Subsoil moisture** was rated 4 percent very short, 16 percent short, 70 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 4.5 out of a possible 7 days. Main farming activities during the week included seeding tobacco, applying fertilizer, and preparing equipment for planting. Corn planting began in a few areas. Approximately 28 percent of plowing and field preparation for planting was reported as complete. Nitrogen fertilizer supplies were reported to meet 97 percent of anticipated needs.

TOBACCO: Plant bed and greenhouse seeding was only 67 percent complete by Sunday, April 2. This was up 34 percent from last year.

SMALL GRAINS & LEGUMES: Despite a relatively wet winter, Kentucky's winter wheat crop is in mostly good to excellent condition. Producers reported 2 percent of the wheat lost due to winter kill. As of Sunday, April 2 winter wheat condition was 2 percent poor, 15 percent fair, 58 percent good, and 25 percent excellent. Barley acreage lost to winter kill was reported as 1 percent. Barley was rated 1 percent poor, 15 percent fair, 49 percent good, and 35 percent excellent. Losses to alfalfa and red clover stands were 4 percent and 5 percent respectively.

PASTURE & LIVESTOCK: Pasture condition was rated 2 percent very poor, 16 percent poor, 35 percent fair, 41 percent good, and 6 percent excellent. Only 25 percent of the current roughage requirements were being met from pastures. Some 81 percent of the state's farms with livestock were still providing winter feed. Producers report that 23 percent of the winter hay supply was still on hand. Livestock were reported in mostly good condition.

MARCH 1, 2006 PROSPECTIVE PLANTINGS-PLANTED ACRES, KENTUCKY & UNITED STATES

CROPS	KENTUCKY			UNITED STATES		
	2005	Ind. 2006	06 % of 05	2005	Ind. 2006	06 % of 05
	(Thousand Acres)		Percent	(Thousand Acres)		Percent
Corn	1,250	1,070	86	81,759	78,019	95
Soybeans	1,260	1,430	113	72,142	76,895	107
All Sorghum	25	27	108	6,454	6,483	100
All Hay <u>1/</u>	2,410	2,420	100	61,649	61,478	100
All Tobacco <u>1/</u>	79.7	67.8	85	298.0	306.6	103
Burley Tobacco <u>1/</u>	70.0	58.0	83	100.1	83.5	83
All Wheat <u>2/</u>	390	410	105	57,229	57,128	100
Barley <u>2/</u>	10	15	150	3,875	3,667	95

1/ Harvested acreage. 2/ Includes acreage planted preceding fall.

KENTUCKY CROP PROGRESS

WEEK ENDING APRIL 2, 2006
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Tobacco Beds Seeded	67	43	46	NA	NA

(NA)Data Not Available.

SOIL MOISTURE

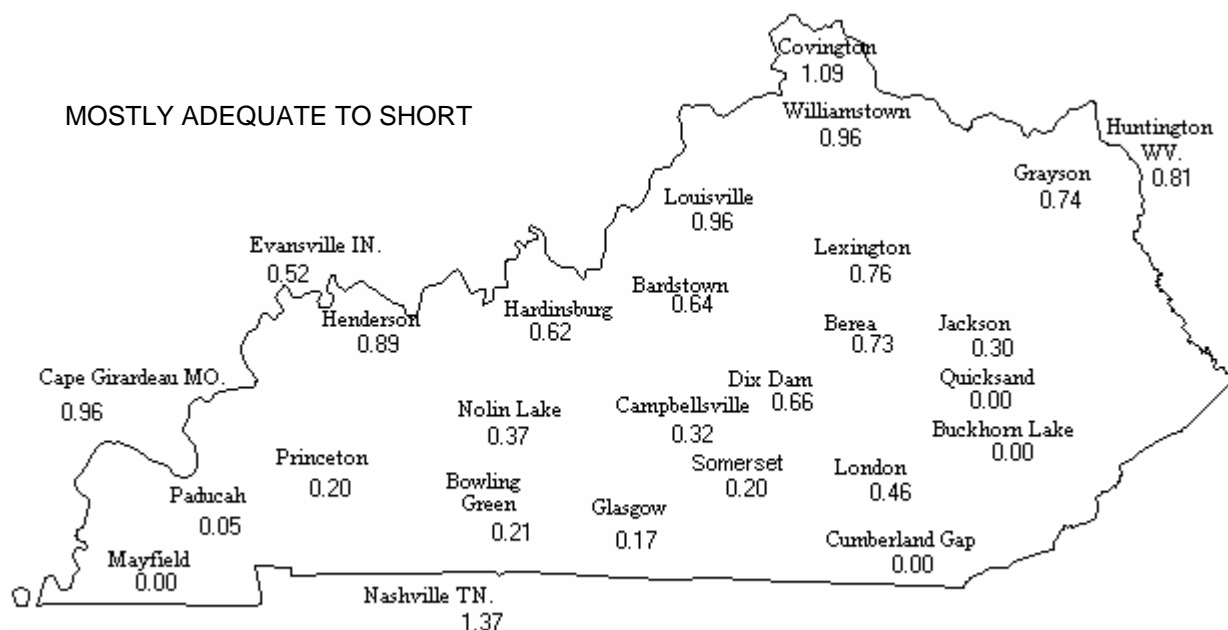
WEEK ENDING MARCH 31, 2006
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	2	NA
Short	14	NA
Adequate	71	NA
Surplus	13	NA
SUBSOIL		
Very Short	4	NA
Short	16	NA
Adequate	70	NA
Surplus	10	NA

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING MARCH 31, 2006						WEEK ENDING MARCH 24, 2006				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Wheat	0	2	15	58	25	No Survey Conducted				
Barley	0	1	15	49	35					
Pasture	2	16	35	41	6					

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 2, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MARCH 31, 2006



MOSTLY ADEQUATE TO SHORT

KENTUCKY WEATHER SUMMARY, MARCH 27 - APRIL 2, 2006:

Above Normal Temperatures and Below Normal Rainfall:

The work week started off dry and cool. On Tuesday, a low pressure system moved across the State with light rainfall. Dry, warm conditions occurred Wednesday and Thursday. Showers and thunderstorms moved thru the Commonwealth on Friday and Sunday. Severe weather occurred with Sunday's storms.

Temperatures for the period averaged 55 degrees across the State which was 5 degrees above normal. High temperatures averaged from 68 in the West to 68 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 9 degrees above normal in the East. Low temperatures averaged from 43 degrees in the West to 44 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 5 degrees above normal in the East. Extreme high temperatures were in the low 80's and extreme low temperatures were in the mid to upper 20's.

Precipitation (liq. equ.) for the period totaled 0.51 inches statewide which was 0.51 inches below normal. Precipitation totals by climate division, West 0.44 inches, Central 0.49 inches, Bluegrass 0.80 inches and East 0.31 inches, which was 0.67, 0.55, 0.18 and 0.64 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Buckhorn Lake to a high of 1.37 inches at Nashville.

Tom Priddy

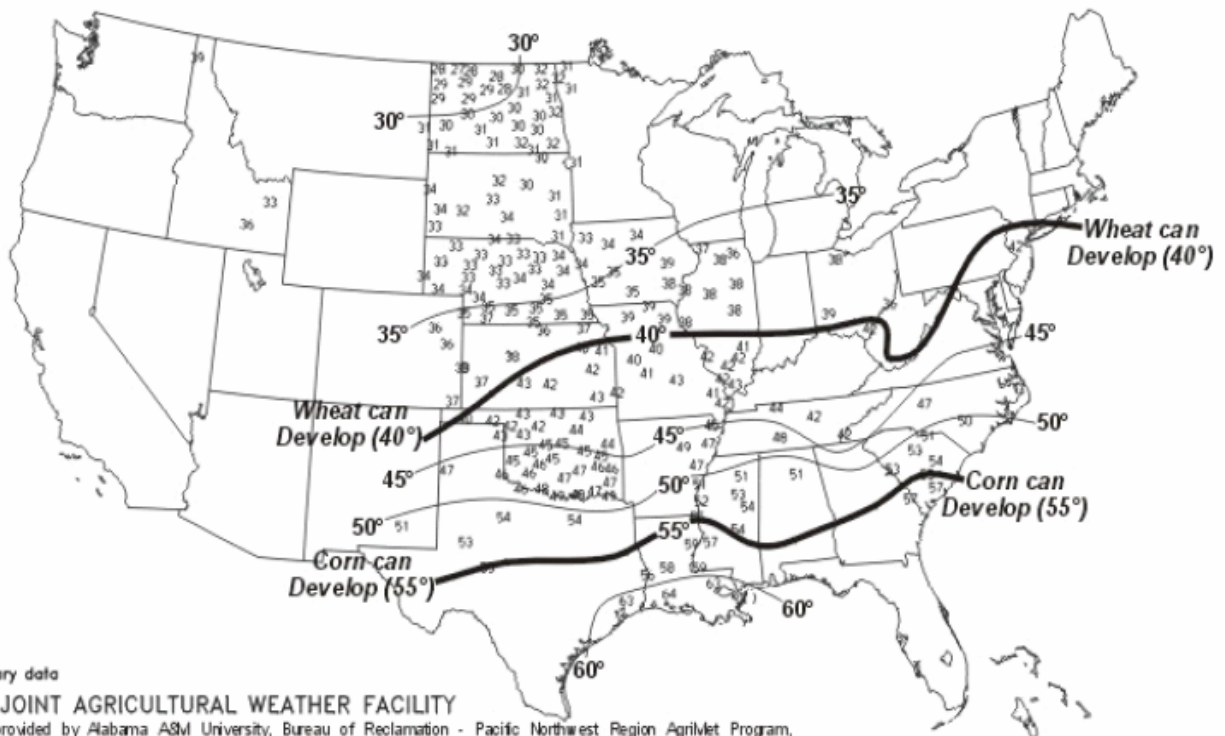
KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 2, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	0.64	14.04	+3.31	59	45	74	29	54.3	+4
Berea	0.73	11.01	+0.68	59	40	77	20	55.9	+7
Bowling Green	0.21	10.01	-3.33	--	--	79	24	56.1	+6
Bristol	0.32	8.78	-1.81	--	--	76	23	52.6	+4
Buckhorn Lake	0.00	7.22	-4.50	--	--	76	28	55.5	+6
Cape Girardeau	0.96	13.55	+2.00	--	--	77	29	54.8	+2
Campbellsville	0.32	12.47	-0.38	59	41	78	23	56.6	+6
Covington	1.09	12.24	+2.47	--	--	72	25	51.1	+2
Cumberland Gap	0.00	5.75	-7.90	59	43	76	28	55.0	+6
Dix Dam	0.66	12.24	+1.24	--	--	75	26	54.7	+6
Evansville	0.52	14.77	+4.01	--	--	78	27	53.4	+0
Glasgow	0.17	11.65	-1.76	59	42	79	24	57.1	+7
Grayson	0.74	9.72	+0.32	59	43	77	28	56.1	+7
Hardinsburg	0.62	16.22	+3.96	59	45	77	33	55.1	+5
Henderson	0.89	13.46	+2.30	59	43	76	32	54.0	+1
Huntington	0.81	7.50	-1.85	--	--	79	27	56.1	+7
Jackson	0.30	10.38	-1.12	--	--	81	33	58.6	+10
Lexington	0.76	11.77	+1.04	--	--	75	29	53.6	+5
London	0.46	10.10	-1.66	--	--	79	25	55.6	+7
Louisville	0.96	13.83	+2.73	--	--	75	27	52.6	+2
Mayfield	0.00	10.92	-3.20	59	43	76	28	55.2	+2
Nashville	1.37	13.18	+0.63	--	--	82	28	60.2	+10
Nolin Lake	0.37	13.49	+1.17	--	--	78	27	56.0	+5
Paducah	0.05	14.44	+2.02	57	41	78	31	56.9	+4
Princeton	0.20	12.19	-1.30	59	43	80	30	57.2	+4
Quicksand	0.00	7.78	-3.72	59	43	77	28	55.8	+7
Somerset	0.20	10.61	-1.77	59	43	79	24	56.1	+7
Spindletop	0.59	10.19	-0.54	55	40	75	28	52.5	+3
Williamstown	0.96	14.29	+4.00	59	43	72	27	52.1	+3

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Average Soil Temperature (°F, 4" Bare)

MAR 19 - 25, 2006



Based on preliminary data

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Supplemental data provided by Alabama A&M University, Bureau of Reclamation - Pacific Northwest Region Agrivnet Program, High Plains Regional Climate Center, Illinois State Water Survey, Iowa State University, Louisiana Agricultural Information System, Mississippi State University, Oklahoma Mesonet, Purdue University, University of Missouri, and USDA NRCS Soil Climate Analysis Network

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.